PATENT COOPERATION TREATY

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

REC'D 0 2 MAY 2006 WE

(Chapter II of the Patent Cooperation Treaty)

(PCT Artcle 36 and Rule 70)

Applicant's or agent's file reference NA-21657-PCT	FOR FURTHER ACTI	ON	See Form PCT/IPEA/416			
International application No.	International filing date(day	y/month/year)	Priority date (day/month/year)			
PCT/KR2004/000576	17 MARCH 2004 (17		08 MARCH 2004 (08.03.2004)			
International Patent Classification (IPC) or national classification and IPC B01D 29/66(2006.01)i, B01D 35/30(2006.01)i						
Applicant NANOENTECH CO., LTD. 6	et al	,				
This report is the international pr Authority under Article 35 and tr	eliminary examination repor ransmitted to the applicant ac	t, established by this Ir cording to Article 36.	nternational Preliminary Examining			
2. This REPORT consists of a total of 4 sheets, including this cover sheet.						
2. This REPORT consists of a total of						
Date of submission of the demand 20 APRIL 2004 (2	20.04.2004)	Date of completion of 18 APRIL 2	f this report 006 (18.04.2006)			
Name and mailing address of the IPE. Korean Intellectual Prope 920 Dunsan-dong, Seo-g Republic of Korea Facsimile No.	erty Office	Authorized officer LEE, HYUN S Telephone No.	оис буб			

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/KR2004/000576

Box	No. I	Basis of the report
1.	With	a regard to the language, this report is based on the international application in the language in which it was filed, unless
		rwise indicated under this item. This report is based on translations from the original language into the following language English
	\boxtimes	which is the language of a translation furnished for the purposes of:
		which is the language of a translation furnished for the purposes of: international search (under Rules 12.3 and 23.1(b))
		international search (under Rules 12.3 and 23.1(b)) publication of the international application (under Rule 12.4)
		publication of the international application (under Rule 12.4) international preliminary examination (under Rules 55.2 and/or 55.3)
		International promininary examination (under Kuies 33.2 and/of 33.3)
i	to the annex	regard to the elements of the international application, this report is based on (replacement sheets which have been furnished receiving Office in response to an invitation under Article 14 are referred to in this reort as "originally filed" and are not seed to this report): the international application as originally filed/furnished
		the description:
	_	the description: pagesas originally filed/furnished
		pages* received by this Authority on
		pages* received by this Authority on
	ш,	the claims: pagesas originally filed/furnished
	• 1	pages* as amended (together with any statment) under Article 19
	•	pages* received by this Authority on
		pages* received by this Authority on
		the drawings:
		pagesas originally filed/furnished
		pages* received by this Authority on
		pages*received by this Authority on
	\Box	the sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
	Ш	The residence of the re
_		The amondments have nowled in the concellation of
3.	Ш	The amendments have resulted in the cancellation of:
		the description, pages
		the claims, Nos.
		the drawings, sheets
		the sequence listing (specify): any table(s) related to sequence listing (specify):
		any table(s) related to sequence fishing (specify).
4.		This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)). the description, pages
*	If iten	m 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Statement				
Novelty (N)	Claims	1-12		YES
	Claims	None		NO
Inventive step (IS)	Claims	1-12		YES
	Claims	None	•	NO
Industrial applicability (IA)	Claims	1-12		YES
	Claims	None	· · · · · · · · · · · · · · · · · · ·	NO

2. Citations and explanations (Rule 70.7)

Reference is made to the following document:

D1: KR 2003-94150 A (equivalent to KR 425907 B1)

The present invention relates to a fine filtering apparatus comprising: a main body, filter media, a supplied water jacket, a filter media fixing plate, a density control plate having a doughnut shape, an inner porous chamber extending from the top of the main body and a concentrated filtrate discharge jacket.

D1 discloses a fine filtering apparatus comprising: `a main body, a water/air inlet pipe, a filter media fixing plate, a filtered water discharge jacket and a concentrated filtrate discharge jacket.

D1 does not provide the supplied water jacket, the density control plate and the inner porous chamber of the present invention.

In the light of D1, there is no reasonable basis to believe that the skilled one in the art could arrive at the subject matter of the present claims without exercising inventive skill.

Therefore, the subject matter of claims 1-12 is considered to be novel, involve an inventive step and be industrially applicable under PCT Article 33(2)-(4).

International application No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY	PCT/KR2004/000576								
Box No. VII Certain defects in the international application									
The following defects in the form or contents of the international application have been n	oted:								
The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).									
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